

Claim 22. (Currently Amended) The process according to claim 19, wherein the treating with water is carried out until the water has a neutral pH.

Claim 23. (Previously Presented) The process according to claim 19, wherein the ionomer is crosslinked by adding cross-linking agents to the (per)fluorinated ionomer solution.

Claim 24. (Previously Presented) The process according to claim 23, wherein the cross-linking agents are peroxides, and wherein the temperature of a cross-linking reaction is from 100°C to 300°C.

Claim 25. (Previously Presented) The method of claim 17, wherein the method of separation is microfiltration or ultrafiltration of aqueous solutions.

AF ²⁷ Claim ~~26~~ (Currently Amended) The method of ~~claim 17~~ claim 27, wherein the method of separation dehydrating is pervaporation.

AF ²⁸ Claim ~~27~~ (New) A method of dehydrating humid gases comprising contacting said gases with the membranes of claim 4.